

Titles of most frequently occurring classifications of patents returned  
from a search of 10734390 on Nov 29 , 2007

9 704/257 (6 OR, 3 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/200 .SPEECH SIGNAL PROCESSING  
704/231 ..Recognition  
704/251 ...Word recognition  
704/255 ....Specialized models  
704/257 .....Natural language

8 704/E15.04 (0 OR, 8 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/E15.001 .SPEECH RECOGNITION (EPO)  
704/E15.04 ..Procedures used during a speech recognition process, e.g.,  
man-machine dialogue, etc. (EPO)

7 704/275 (2 OR, 5 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/200 .SPEECH SIGNAL PROCESSING  
704/270 ..Application  
704/275 ...Speech controlled system

5 704/E15.045 (0 OR, 5 XR)  
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
704/E15.001 .SPEECH RECOGNITION (EPO)  
704/E15.043 ..Speech to text systems (EPO)  
704/E15.045 ...Systems using speech recognizers (EPO)

4 707/104.1 (2 OR, 2 XR)  
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES  
707/100 .DATABASE SCHEMA OR DATA STRUCTURE  
707/104.1 ..Application of database or data structure (e.g.,  
distributed, multimedia, image)

4 707/10 (2 OR, 2 XR)  
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES  
707/1 .DATABASE OR FILE ACCESSING  
707/10 ..Distributed or remote access

4 348/E5.105 (0 OR, 4 XR)  
Class 348 TELEVISION  
348/E5.001 .DETAILS OF TELEVISION SYSTEMS (EPO)  
348/E5.096 ..Receiver circuitry (EPO)  
348/E5.099 ...For displaying additional information (EPO)  
348/E5.105 ....Menu-type displays (EPO)

3 358/1.15 (1 OR, 2 XR)  
Class 358 FACSIMILE AND STATIC PRESENTATION PROCESSING  
358/1.1 .STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR  
PRINTER, ETC.)  
358/1.15 ..Communication

3 709/250 (2 OR, 1 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING

709/250 .NETWORK-TO-COMPUTER INTERFACING

- 3 704/E15.026 (0 OR, 3 XR)  
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
 704/E15.001 .SPEECH RECOGNITION (EPO)  
 704/E15.014 ..Speech classification or search (EPO)  
 704/E15.018 ...Using natural language modeling (EPO)  
 704/E15.026 ....Parsing for meaning understanding (EPO)
- 3 704/270 (3 OR, 0 XR)  
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
 704/200 .SPEECH SIGNAL PROCESSING  
 704/270 ..Application
- 3 709/220 (2 OR, 1 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/220 .NETWORK COMPUTER CONFIGURING
- 2 718/101 (1 OR, 1 XR)  
 Class 718 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: VIRTUAL  
 MACHINE TASK OR PROCESS MANAGEMENT OR TASK MANAGEMENT/CONTROL  
 718/100 .TASK MANAGEMENT OR CONTROL  
 718/101 ..Batch or transaction processing
- 2 707/E17.007 (0 OR, 2 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
 707/E17.007 ..Concurrency control and recovery (EPO)
- 2 707/3 (1 OR, 1 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/1 .DATABASE OR FILE ACCESSING  
 707/3 ..Query processing (i.e., searching)
- 2 707/E17.005 (0 OR, 2 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
 707/E17.005 ..Interfaces; database management systems; updating (EPO)
- 2 715/975 (0 OR, 2 XR)  
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
 OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
 715/975 .POP-UP DIALOG BOX FOR ENTRY
- 2 710/8 (2 OR, 0 XR)  
 Class 710 ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS:  
 INPUT/OUTPUT  
 710/1 .INPUT/OUTPUT DATA PROCESSING  
 710/8 ..Peripheral configuration
- 2 709/227 (1 OR, 1 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING
- 2 709/213 (1 OR, 1 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:

MULTICOMPUTER DATA TRANSFERRING  
 709/213 .MULTICOMPUTER DATA TRANSFERRING VIA SHARED MEMORY

2 709/221 (0 OR, 2 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/220 .NETWORK COMPUTER CONFIGURING  
 709/221 ..Reconfiguring

2 707/102 (1 OR, 1 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
 STRUCTURES  
 707/100 .DATABASE SCHEMA OR DATA STRUCTURE  
 707/102 ..Generating database or data structure (e.g., via user  
 interface)

2 709/228 (1 OR, 1 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING  
 709/228 ..Session/connection parameter setting

2 379/88.01 (0 OR, 2 XR)  
 Class 379 TELEPHONIC COMMUNICATIONS  
 379/67.1 .AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS  
 379/88.01 ..Voice activation or recognition

2 704/251 (0 OR, 2 XR)  
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
 704/200 .SPEECH SIGNAL PROCESSING  
 704/231 ..Recognition  
 704/251 ...Word recognition

2 704/270.1 (0 OR, 2 XR)  
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,  
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION  
 704/200 .SPEECH SIGNAL PROCESSING  
 704/270 ..Application  
 704/270.1 ...Speech assisted network

2 709/225 (0 OR, 2 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/223 .COMPUTER NETWORK MANAGING  
 709/225 ..Computer network access regulating

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5 715/853 (1 OR, 4 XR)  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
715/764 ..On-screen workspace or object  
715/853 ...Hierarchy or network structure

3 709/227 (2 OR, 1 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING

3 715/803 (2 OR, 1 XR)  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
715/764 ..On-screen workspace or object  
715/781 ...Window or viewpoint  
715/803 ....Window differentiation

3 715/804 (1 OR, 2 XR)  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
715/764 ..On-screen workspace or object  
715/781 ...Window or viewpoint  
715/804 ....Interwindow link or communication

3 358/1.15 (3 OR, 0 XR)  
Class 358 FACSIMILE AND STATIC PRESENTATION PROCESSING  
358/1.1 .STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR  
PRINTER, ETC.)  
358/1.15 ..Communication

3 709/230 (1 OR, 2 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/230 .COMPUTER-TO-COMPUTER PROTOCOL IMPLEMENTING

2 709/228 (0 OR, 2 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING  
709/228 ..Session/connection parameter setting

2 707/102 (1 OR, 1 XR)  
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES  
707/100 .DATABASE SCHEMA OR DATA STRUCTURE  
707/102 ..Generating database or data structure (e.g., via user  
interface)

2 705/29 (2 OR, 0 XR)  
Class 705 DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,  
OR COST/PRICE DETERMINATION  
705/1 .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR  
MANAGEMENT ARRANGEMENT  
705/28 ..Inventory management  
705/29 ...Itemization of parts, supplies, or services (e.g., bill

of materials)

2 700/107 (0 OR, 2 XR)  
 Class 700 DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS  
 700/90 .SPECIFIC APPLICATION, APPARATUS OR PROCESS  
 700/95 ..Product assembly or manufacturing  
 700/97 ...Design or planning  
 700/106 ....Material requirement  
 700/107 .....Bill of material

2 706/904 (0 OR, 2 XR)  
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
 706/902 .APPLICATION USING AI WITH DETAIL OF THE AI SYSTEM  
 706/903 ..Control  
 706/904 ...Manufacturing or machine (e.g., agricultural machinery, machine tool)

2 709/201 (1 OR, 1 XR)  
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 MULTICOMPUTER DATA TRANSFERRING  
 709/201 .DISTRIBUTED DATA PROCESSING

2 719/328 (0 OR, 2 XR)  
 Class 719 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
 INTERPROGRAM COMMUNICATION OR INTERPROCESS COMMUNICATION (IPC)  
 719/328 .APPLICATION PROGRAM INTERFACE (API)

2 707/1 (1 OR, 1 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
 707/1 .DATABASE OR FILE ACCESSING

2 718/107 (1 OR, 1 XR)  
 Class 718 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: VIRTUAL MACHINE TASK OR PROCESS MANAGEMENT OR TASK MANAGEMENT/CONTROL  
 718/100 .TASK MANAGEMENT OR CONTROL  
 718/102 ..Process scheduling  
 718/107 ...Multitasking, time sharing

2 706/11 (0 OR, 2 XR)  
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
 706/11 .HAVING PARTICULAR USER INTERFACE

2 707/3 (1 OR, 1 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
 707/1 .DATABASE OR FILE ACCESSING  
 707/3 ..Query processing (i.e., searching)

2 707/4 (0 OR, 2 XR)  
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES  
 707/1 .DATABASE OR FILE ACCESSING  
 707/3 ..Query processing (i.e., searching)  
 707/4 ...Query formulation, input preparation, or translation

2 715/854 (1 OR, 1 XR)  
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT, OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
 715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
 715/764 ..On-screen workspace or object  
 715/853 ...Hierarchy or network structure

715/854                    10734390\_CLSTITLES.txt  
.....Navigation within structure